

# Amscath

— SINCE 1996 —

AMECO MEDICAL INDUSTRIES



UROLOGY



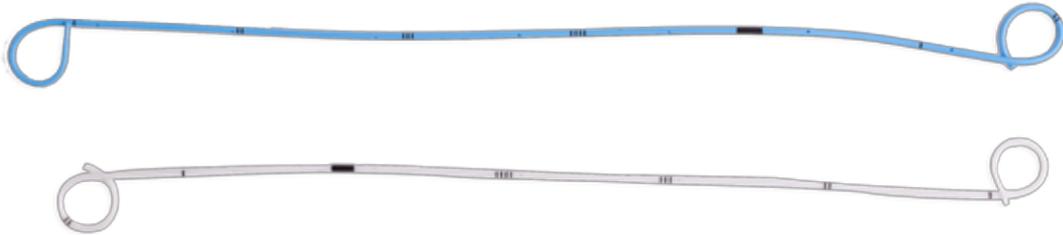
# UROLOGY

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## 1. Double Loop Ureteral Stents

For temporary internal drainage from the renal pelvis to the bladder.



### *Features and Properties*

#### **STENT FEATURES:**

- Amecath Double Loop Ureteral Stent is made of radiopaque polyurethane.
- Featuring a long term Material with or without hydrophilic Coating, with various coil configurations, size and length
- Hydrophilic coating is available to improve stent application, decrease incident of associated infection and expand life of the stent. The material used in hydrophilic coating is specially designed for urinary catheters.
- All of our stents are designed to meet the clinical needs for short and long term drainage of the urinary system.
- Designed to soften at body temperature and become compliant to the anatomy of the ureter.
- Reduces risk of migration due to high coil retention strength
- Promotes improved drainage with a thin wall design and larger inner stent diameter and multiple side drainage holes.
- Offers proven biocompatibility for an extended indwelling time.
- Provides excellent material strength and smooth stent surface facilitates scope insertion and advancement up the ureter.

#### **COMPONENTS FEATURES:**

Complete content that helps physician: Double Loop Ureteral Stent plus:

##### **The ureteral stent Guide wires**

Amecath guide wires range which are supplied with the stent include Stainless steel core PTFE coating, Nitinol core Hydrophilic coating and Nitinol core Zebra PTFE coat.

There is no different in the way of work of guide wire. The difference in malleability and softness of the wires

##### **Simple Catheter pusher & Coaxial Catheter pusher**

Simple catheter pusher pushes the lower end of the stent through the endoscope to the bladder however it is not connected to the lower end so it can't withdraw it down if over insertion is happened. The clamp is an integral part with simple pusher and is used to lock up the guide wire with simple pusher tube during process.

The coaxial catheter pusher is connected to the lower end so it has full control on the stent to push or withdraw if over insertion.

**Code key: DLU-XX-YY-PP-TTT-S/S-K-W-C**

DLU : Double Loop Stent.

XX: Size in FR

YY: Length in cm. MM for Multilength (24-34 cm).

PP: Type of pusher . (SP) for simple pusher or (CP) for coaxial pusher.

TTT: Type of stent and color. (STB) for short term blue or (LTW) for long term white.

S/S: Both end tip. (O/O) for open/open, (O/C) for open/closed or (C/C) for closed/closed.

K: Kit (Stent, wire and pusher) or (0) for separate Stent.

W: type of wire. (T) for PTFE, (H) for Hydrophilic, (N) for Nitinol or (Z) for Zebra.

C: Type of coating: (0) for no coating, (H) for Hydrophilic Coating.

*AMECATH provides an extensive range of ureteral stents*

**1.1 DOUBLE LOOP URETERAL STENT "STANDARD"**

for ordering information see Double Loop Ureteral Stents catalogue



**1.2 DOUBLE GIRTH DOUBLE LOOP URETERAL STENT**

double girth is a special type of the stent where one third of its length has thicker diameter to resist compression from the outside in case of surrounding malignancy. The design is made to maintain patency of the inner lumen.

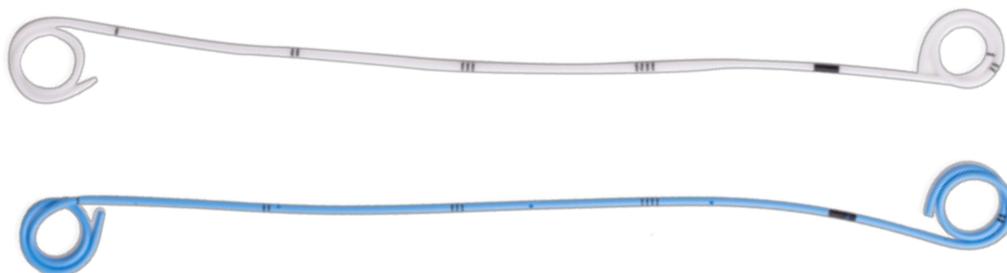
for ordering information see Double Loop Ureteral Stents catalogue



### 1.3 DOUBLE LOOP URETERAL MULTI-LENGTH STENT (MM CONTAINING CODES)

It is a ureteral stent with double Loops on each side for variable lengths from 24 cm to 34 cm  
It means the minimum active length is 24 cm and the maximum active length is 34cm.

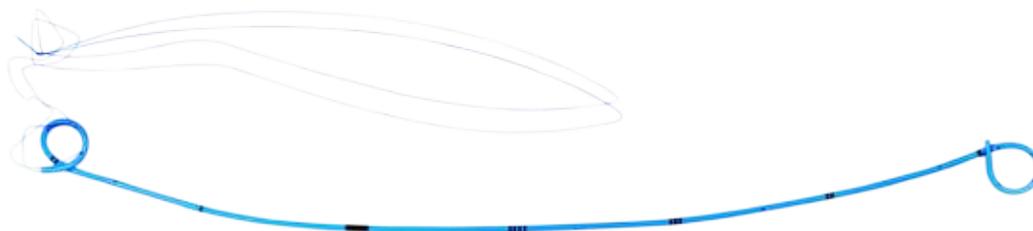
for ordering information see Double Loop Ureteral Stents catalogue



### 1.4 DOUBLE LOOP URETERAL STENT WITH STRING

Addition of string to the distal loop may be used in some cases to avoid second need of cystoscopy to remove the stent mainly in female.

for ordering information see Double Loop Ureteral Stents catalogue



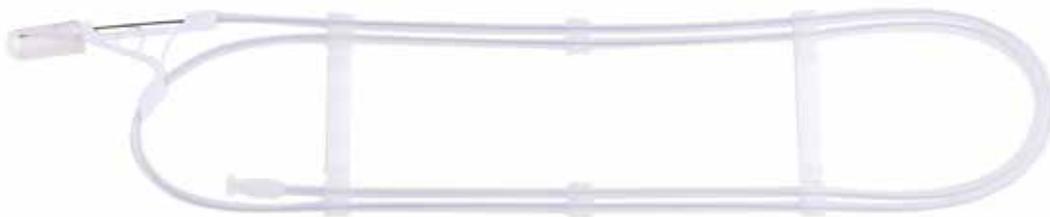
### *Package Contains*

- **Double Loop Ureteral Stent**
  - (1) Ureteral Stent
  - (1) Simple or Coaxial Catheter Pusher
- **Double Loop Ureteral Stent Kit**
  - (1) Ureteral Stent
  - (1) Simple or Coaxial Catheter Pusher
  - (1) Guide Wire

Components Matching

Stent		Pusher		Guide wire 150 cm
Size	Length	Simple	Coaxial	Size
3 FR	YY	3 FR Violet		0.021"
3.6 FR	YY	3.6 FR Violet		0.021"
4FR	YY	4FR Yellow		0.028"
4.7FR	YY	5FR Red	4.8FR Green	0.028"
4.8FR	YY	5FR Red	4.8FR Green	0.028"
5FR	YY	5FR Red	6FR Green	0.035"
6FR	YY	6FR Green	6FR Green	0.035"
7FR	YY	7FR Orange	7FR Blue or Green	0.038"
8FR	YY	8FR Blue	8FR Blue	0.038"

# Accessories



Guide wire



## 2. Ureteric Catheters

For urine drainage from the renal pelvis to outside through the urethra.

### *Features and Properties*

Amecath offers a full range of ureteric catheters. Ureteric catheters can be used for a number of functions such as maintaining drainage, infusion of contrast media and ureteral dilation. Amecath manufactures high quality radiopaque polyurethane ureteric catheters that provide excellent handling characteristics, proper flexibility and resistance to kinking.

Amecath Ureteric catheter contains three colors variants indicating different rigidity of the catheter shaft for easy introduction and dilatation:

- Yellow: Soft.
- White: Semi-soft.
- Blue: Firm.

Amecath ureteric catheter has different tip shapes:

- Round closed tip for direct application.
- Open tapered tip for application over guide wire.
- Cone and chevasaeu tips for contrast injection.
- Whistle tip for better drainage.
- Olive, angle and curved tips for easy insertion.

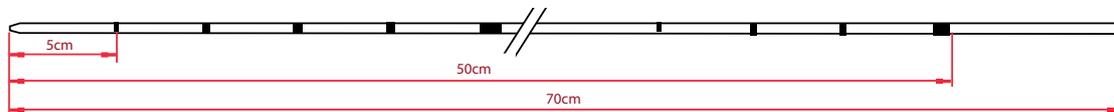
These variations of the rigidity and the tip design, can tolerate the different clinical needs during any procedure.

The catheter may have different diameters ranging from 3 Fr. to 8 Fr. with patent inner diameter and standard length 70 ±2 cm. It is graduated every 5 cm along 70 cm.

Amecath ureteric catheter is supplied with separate catheter connector for sampling or injecting contrast/Therapeutics and with Monofilament Stylet.

The catheter is fitted with either a metal or a polymer removable stylet. The stylet allows straightening of the catheter for easier insertion.

Hydrophilic coating is applied as an option that when activated, attracts and holds water and other liquids on the surface of the catheter, creating a low-friction surface. The material used in hydrophilic coating is specially designed for urinary catheters.



#### **Code key: UC-XX-T-S-C**

UC: Ureteric Catheter.

XX: Size in FR.

T: tip configuration: (TO) for Tapered Opened tip, (CL) for Closed Round tip, (WH) for Whistle tip, (CO) for Cone tip, (OL) for Olive tip, (CH) for Chevassu tip, (CU) for curved tip, (AO) for angel tip.

S: Stiffeness: Yellow (Y) for soft, White (W) for semi soft, Blue (B) for firm.

C: Type of coating: (O) for no coating, (H) for hydrophilic coating,

### 2.1. SOFT URETERIC CATHETER UNCOATED AND HYDROPHILIC.

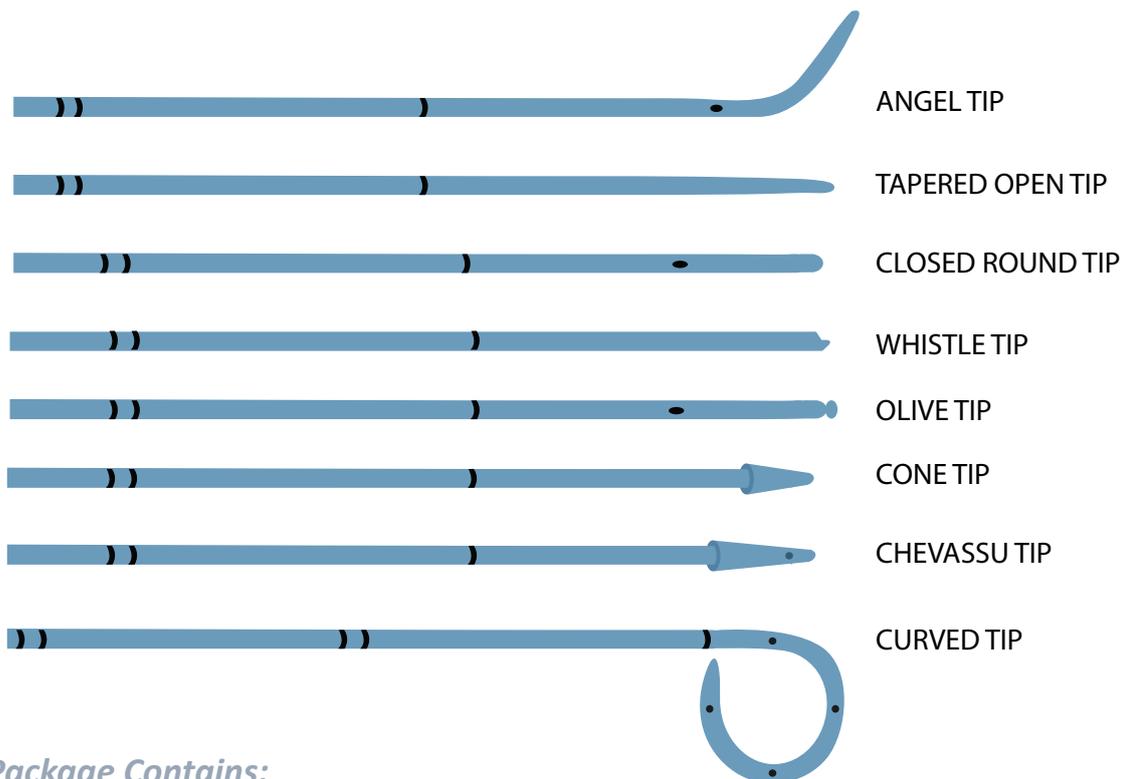
It is a single lumen tube catheter in the soft material, radiopaque polyurethane grade, for the patient comfort.

### 2.2. SEMI-SOFT URETERIC CATHETER UNCOATED AND HYDROPHILIC

It is a single lumen catheter in the semi-soft material, radiopaque polyurethane grade. In regular case of drainage of the ureter or diversion of urine after endoscopy with no harm of the ureter during procedure, it is advisable to use the semi-soft type as it carries the benefit of patient comfort post operatively.

### 2.3. FIRM URETERIC CATHETER UNCOATED AND HYDROPHILIC

It is a single lumen tube catheter in the firm material, radiopaque polyurethane grade. The firm type has the ability to dilate rigid or injurious part of the ureter.

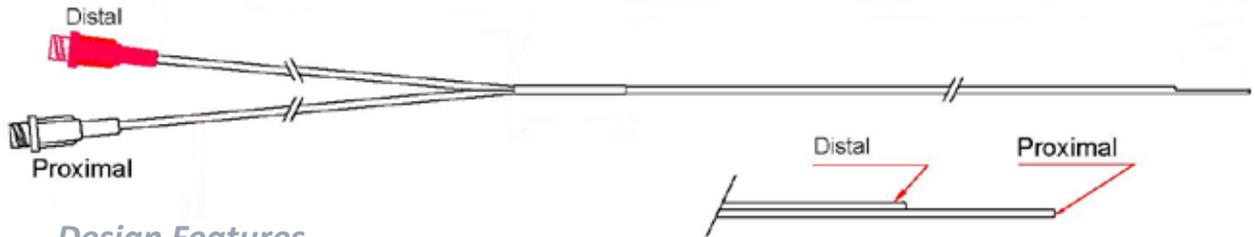


#### *Package Contains:*

- (1) Catheter.
- (1) Catheter Connector.
- (1) Monofilament Stylet.

#### 2.4 DUAL LUMEN URETERIC CATHETER:

Dual lumen catheter designed for over-the-wire placement, providing two separate working channels for second wire placement or injection



#### Design Features

The Dual Lumen is available in 6 & 7 Fr. with the catheter tip tapered on proximal lumen. The working length of the catheter is 70 cm.

The Amecath Dual Lumen Ureteric Catheter is constructed of semi-soft radiopaque polyurethane. The catheter is intended to facilitate drainage and retrograde pyelogram of the upper urinary tract

Code	Fr. size	Working length (cm)	Recommended Guidewire Proximal (in)	Injection Lumen
DLUC-06-TO-W-0	6	70	0.028"	0.021"
DLUC-07-TO-W-0	7	70	0.032"	0.021"

### Ordering information:

#### 2.1. Soft Ureteric Catheters

SOFT URETERIC CATHETER UNCOATED					
UC-03-TOY-0	UC-04-TO-Y-0	UC-05-TO-Y-0	UC-06-TO-Y-0	UC-07-TO-Y-0	UC-08-TO-Y-0
UC-03-CL-Y-0	UC-04-CL-Y-0	UC-05-CL-Y-0	UC-06-CL-Y-0	UC-07-CL-Y-0	UC-08-CL-Y-0
UC-03-WH-Y-0	UC-04-WH-Y-0	UC-05-WH-Y-0	UC-06-WH-Y-0	UC-07-WH-Y-0	UC-08-WH-Y-0
UC-03-CUY-0	UC-04-CUY-0	UC-05-CU-Y-0	UC-06-CU-Y-0	UC-07-CU-Y-0	UC-08-CU-Y-0
UC-03-CH-Y-0	UC-04-CH-Y-0	UC-05-CH-Y-0	UC-06-CH-Y-0	UC-07-CH-Y-0	UC-08-CH-Y-0
UC-03-CO-Y-0	UC-04-CO-Y-0	UC-05-CO-Y-0	UC-06-CO-Y-0	UC-07-CO-Y-0	UC-08-CO-Y-0
UC-03-OL-Y-0	UC-04-OL-Y-0	UC-05-OL-Y-0	UC-06-OL-Y-0	UC-07-OL-Y-0	UC-08-OL-Y-0

SOFT URETERIC CATHETER HYDROPHILIC					
UC-03-TOY-H	UC-04-TO-Y-H	UC-05-TO-Y-H	UC-06-TO-Y-H	UC-07-TO-Y-H	UC-08-TO-Y-H
UC-03-CL-Y-H	UC-04-CL-Y-H	UC-05-CL-Y-H	UC-06-CL-Y-H	UC-07-CL-Y-H	UC-08-CL-Y-H
UC-03-WH-Y-H	UC-04-WH-Y-H	UC-05-WH-Y-H	UC-06-WH-Y-H	UC-07-WH-Y-H	UC-08-WH-Y-H
UC-03-CUY-H	UC-04-CUY-H	UC-05-CU-Y-H	UC-06-CU-Y-H	UC-07-CU-Y-H	UC-08-CU-Y-H
UC-03-CH-Y-H	UC-04-CH-Y-H	UC-05-CH-Y-H	UC-06-CH-Y-H	UC-07-CH-Y-H	UC-08-CH-Y-H
UC-03-CO-Y-H	UC-04-CO-Y-H	UC-05-CO-Y-H	UC-06-CO-Y-H	UC-07-CO-Y-H	UC-08-CO-Y-H
UC-03-OL-Y-H	UC-04-OL-Y-H	UC-05-OL-Y-H	UC-06-OL-Y-H	UC-07-OL-Y-H	UC-08-OL-Y-H

## 2.2. Semi Soft Ureteric Catheters

SEMI SOFT URETERIC CATHETER UNCOATED					
UC-03-TOW-0	UC-04-TO-W-0	UC-05-TO-W-0	UC-06-TO-W-0	UC-07-TO-W-0	UC-08-TO-W-0
UC-03-CL-W-0	UC-04-CL-W-0	UC-05-CL-W-0	UC-06-CL-W-0	UC-07-CL-W-0	UC-08-CL-W-0
UC-03-WH-W-0	UC-04-WH-W-0	UC-05-WH-W-0	UC-06-WH-W-0	UC-07-WH-W-0	UC-08-WH-W-0
UC-03-CH-W-0	UC-04-CH-W-0	UC-05-CH-W-0	UC-06-CH-W-0	UC-07-CH-W-0	UC-08-CH-W-0
UC-03-CO-W-0	UC-04-CO-W-0	UC-05-CO-W-0	UC-06-CO-W-0	UC-07-CO-W-0	UC-08-CO-W-0
UC-03-OL-W-0	UC-04-OL-W-0	UC-05-OL-W-0	UC-06-OL-W-0	UC-07-OL-W-0	UC-08-OL-W-0
UC-03-AOW-0	UC-04-AO-W-0	UC-05-AO-W-0	UC-06-AO-W-0	UC-07-AO-W-0	UC-08-AO-W-0

SEMI SOFT URETERIC CATHETER HYDROPHILIC					
UC-03-TOW-H	UC-04-TO-W-H	UC-05-TO-W-H	UC-06-TO-W-H	UC-07-TO-W-H	UC-08-TO-W-H
UC-03-CL-W-H	UC-04-CL-W-H	UC-05-CL-W-H	UC-06-CL-W-H	UC-07-CL-W-H	UC-08-CL-W-H
UC-03-WH-W-H	UC-04-WH-W-H	UC-05-WH-W-H	UC-06-WH-W-H	UC-07-WH-W-H	UC-08-WH-W-H
UC-03-CH-W-H	UC-04-CH-W-H	UC-05-CH-W-H	UC-06-CH-W-H	UC-07-CH-W-H	UC-08-CH-W-H
UC-03-CO-W-H	UC-04-CO-W-H	UC-05-CO-W-H	UC-06-CO-W-H	UC-07-CO-W-H	UC-08-CO-W-H
UC-03-OL-W-H	UC-04-OL-W-H	UC-05-OL-W-H	UC-06-OL-W-H	UC-07-OL-W-H	UC-08-OL-W-H
UC-03-AOW-H	UC-04-AO-W-H	UC-05-AO-W-H	UC-06-AO-W-H	UC-07-AO-W-H	UC-08-AO-W-H

## 2.3. Firm Ureteric Catheters

Firm URETERIC CATHETER UNCOATED					
UC-03-TOB-0	UC-04-TO-B-0	UC-05-TO-B-0	UC-06-TO-B-0	UC-07-TO-B-0	UC-08-TO-B-0
UC-03-CL-B-0	UC-04-CL-B-0	UC-05-CL-B-0	UC-06-CL-B-0	UC-07-CL-B-0	UC-08-CL-B-0
UC-03-WH-B-0	UC-04-WH-B-0	UC-05-WH-B-0	UC-06-WH-B-0	UC-07-WH-B-0	UC-08-WH-B-0
UC-03-CH-B-0	UC-04-CH-B-0	UC-05-CH-B-0	UC-06-CH-B-0	UC-07-CH-B-0	UC-08-CH-B-0
UC-03-CO-B-0	UC-04-CO-B-0	UC-05-CO-B-0	UC-06-CO-B-0	UC-07-CO-B-0	UC-08-CO-B-0
UC-03-OL-B-0	UC-04-OL-B-0	UC-05-OL-B-0	UC-06-OL-B-0	UC-07-OL-B-0	UC-08-OL-B-0
UC-03-AOB-0	UC-04-AO-B-0	UC-05-AO-B-0	UC-06-AO-B-0	UC-07-AO-B-0	UC-08-AO-B-0

Firm URETERIC CATHETER HYDROPHILIC					
UC-03-TOB-H	UC-04-TO-B-H	UC-05-TO-B-H	UC-06-TO-B-H	UC-07-TO-B-H	UC-08-TO-B-H
UC-03-CL-B-H	UC-04-CL-B-H	UC-05-CL-B-H	UC-06-CL-B-H	UC-07-CL-B-H	UC-08-CL-B-H
UC-03-WH-B-H	UC-04-WH-B-H	UC-05-WH-B-H	UC-06-WH-B-H	UC-07-WH-B-H	UC-08-WH-B-H
UC-03-CH-B-H	UC-04-CH-B-H	UC-05-CH-B-H	UC-06-CH-B-H	UC-07-CH-B-H	UC-08-CH-B-H
UC-03-CO-B-H	UC-04-CO-B-H	UC-05-CO-B-H	UC-06-CO-B-H	UC-07-CO-B-H	UC-08-CO-B-H
UC-03-OL-B-H	UC-04-OL-B-H	UC-05-OL-B-H	UC-06-OL-B-H	UC-07-OL-B-H	UC-08-OL-B-H
UC-03-AOB-H	UC-04-AO-B-H	UC-05-AO-B-H	UC-06-AO-B-H	UC-07-AO-B-H	UC-08-AO-B-H

### 3. Ureteral Stone Basket

- For removal of stones from the Ureter or the kidney.
- Amecath Ureteral Stone Basket provides maximum patient safety, compatibility and easy to operate.

#### *Features and Properties*

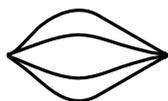
##### DESIGN FEATURES:

- High opening force of the basket itself to allow easier opening of basket wires against ureteric lumen resistance.
- Rounded edges wires prevent traumatic opening of the basket inside ureteric lumen.
- Flexible tube and small sized shaft, make the introduction inside flexible ureteroscopes much easier.
- Easy controllable handle with the ability to disassemble to facilitate intracorporeal lithotripsy.

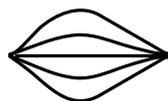
#### Tiped



Three wires  
Helical



Four Wires  
Helical or  
Straight



Five wires  
Helical



Six wires  
Helical

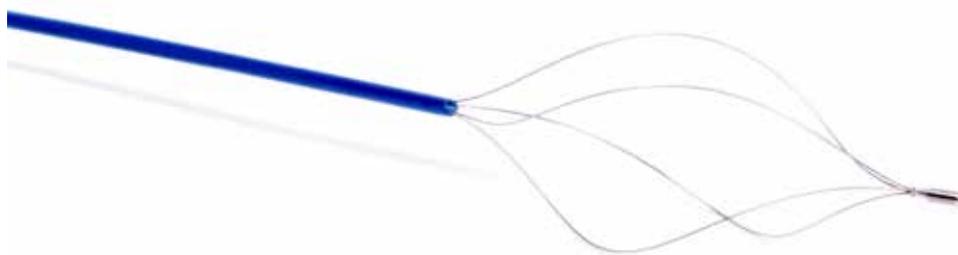
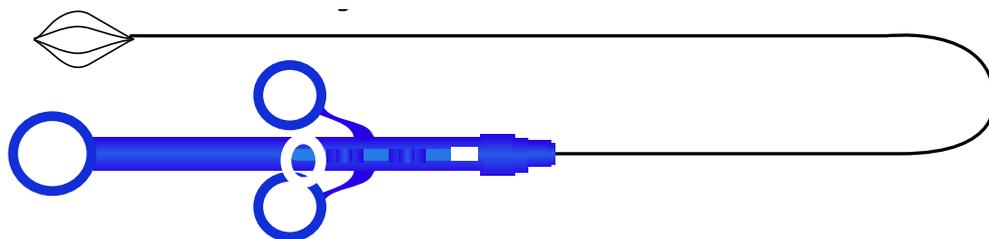
#### Tipless



Four Wires  
Straight



Six wires  
Helical



**Code key: USB-X-Y-M-T-W**

USB: Ureteral Stone Basket.

X: Number of wires.

Y: Tube diameter in FR.

M: Material of wire. (N) for Nitinol, (S) for Stainless Steel. T: Tip shape, (T) for tipped, (O) for tipless.

W: Basket Shape. (H) for helical, (S) for straight.

TABLE SHOWING THE BASKET DIAMETER AND BASKET LENGTH WITH THE CATHETER DIAMETER AND LENGTH:

MATERIAL OF WIRE	WIRE DIAMETER IN (MM)	BASKET DIAMETER IN (MM)	BASKET LENGTH IN (MM)	CATHETER DIAMETER IN (FR)	CATHETER LENGTH IN (CM)			
NITINOL	0.6 MM	10 MM	20 MM	SIZE 1.8FR SUITABLE WITH TIPLESS	120CM			
			25 MM	SIZE 2.4FR SUITABLE WITH TIPLESS	120CM			
				SIZE 2.7 FR SUITABLE WITH TIPLESS	120CM			
				SIZE 3FR SUITABLE WITH TIPLESS	120CM			
				SIZE 4FR SUITABLE WITH TIPLESS	120CM			
				SIZE 2.7FR SUITABLE WITH TIPPED	100CM			
				SIZE 3FR SUITABLE WITH TIPPED	100CM			
				SIZE 4FR SUITABLE WITH TIPPED	100CM			
				SIZE 4.8FR SUITABLE WITH TIPPED	100CM			
				SIZE 5FR SUITABLE WITH TIPPED	100CM			
				SIZE 4.8FR SUITABLE WITH TIPPED	100CM			
SIZE 5FR SUITABLE WITH TIPPED	100CM							
STAINLESS STEEL	0.6 MM	15 MM	35 MM	SIZE 3FR SUITABLE WITH TIPPED	90CM			
				SIZE 4FR SUITABLE WITH TIPPED	90CM			
				SIZE 4.8FR SUITABLE WITH TIPPED	90CM			
				SIZE 5FR SUITABLE WITH TIPPED	90CM			
				1.0 MM	15 MM	35 MM	SIZE 4.8FR SUITABLE WITH TIPPED	90CM
							SIZE 5FR SUITABLE WITH TIPPED	90CM

### Ordering information:

#### 3.1. Stainless ureteral stone basket

STAINLESS STEEL URETERAL STONE BASKET TIPPED, HELICAL			
USB-3-3-S-T-H	USB-4-3-S-T-H	USB-5-3-S-T-H	USB-6-3.6-S-T-H
USB-3-3.6-S-T-H	USB-4-3.6-S-T-H	USB-5-3.6-S-T-H	USB-6-4-S-T-H
USB-3-4.8-S-T-H	USB-4-4-S-T-H	USB-5-4-S-T-H	USB-6-4.8-S-T-H
USB-3-4-S-T-H	USB-4-4.8-S-T-H	USB-5-4.8-S-T-H	USB-6-5-S-T-H
USB-3-5-S-T-H	USB-4-5-S-T-H	USB-5-5-S-T-H	

### 3.2. Nitinol ureteral stone basket

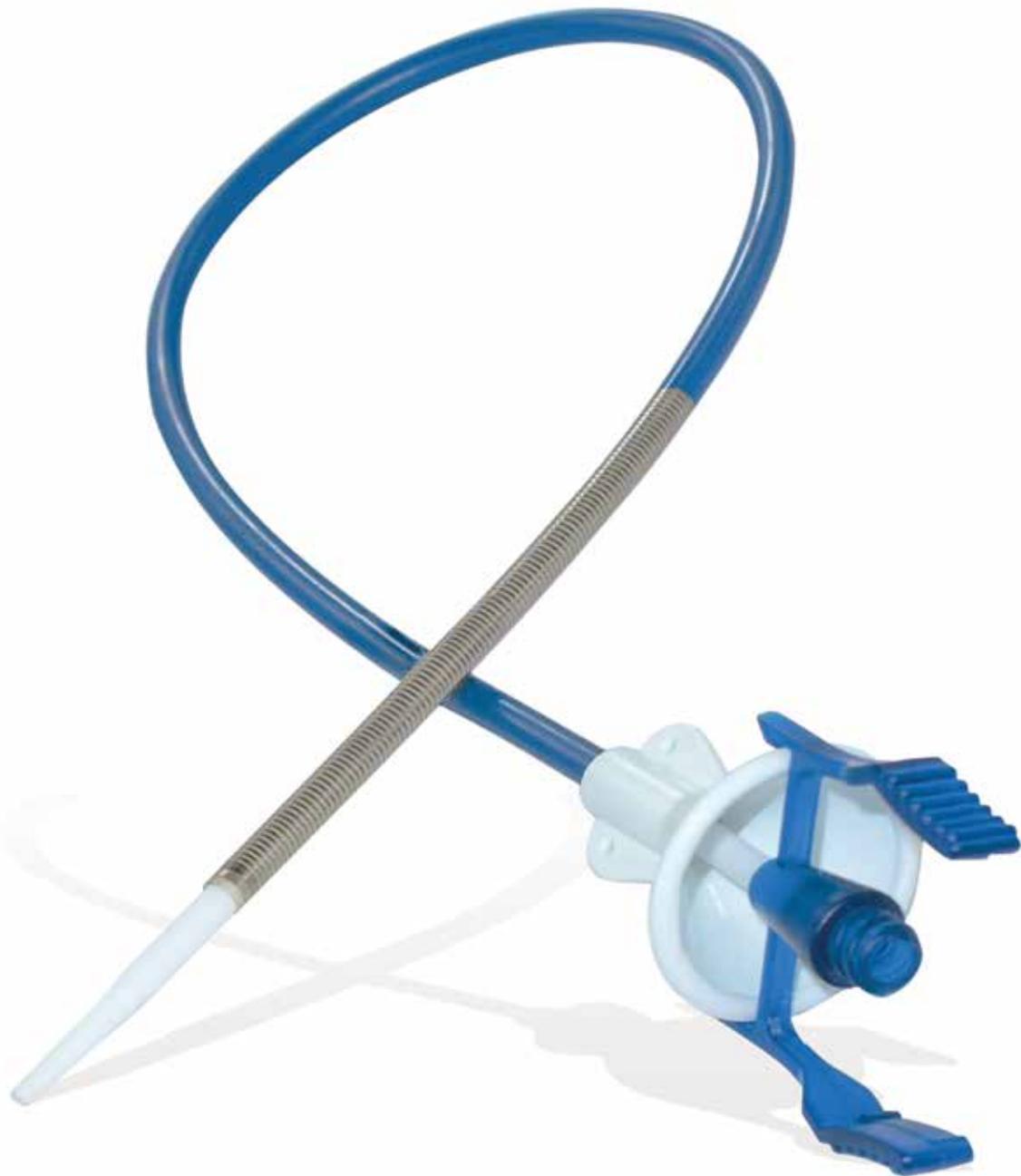
NITINOL URETERAL STONE BASKET TIPPED, HELICAL	NITINOL URETERAL STONE BASKET TIPPED, STRAIGHT	NITINOL URETERAL STONE BASKET TIPPED, HELICAL	NITINOL URETERAL STONE BASKET TIPPED, HELICAL
USB-4-3-N-T-H	USB-4-3-N-T-S	USB-6-2.4-N-0-H	USB-4-1.8-N-0-S
USB-4-3.5-N-T-H	USB-4-4-N-T-S	USB-6-3-N-0-H	USB-4-2.4-N-0-S
USB-4-3.8-N-T-H	USB-4-5-N-T-S	USB-6-4-N-0-H	USB-4-2.7-N-0-S
USB-4-4-N-T-H		USB-6-5-N-0-H	USB-4-3-N-0-S
USB-4-4.5-N-T-H			USB-4-5-N-0-S
USB-4-4.8-N-T-H			
USB-4-5-N-T-H			
USB-5-3-N-T-H			
USB-5-4-N-T-H			
USB-5-4.8-N-T-H			
USB-5-5N-T-H			



**NEW** REVO-TRAPPER

## 4. Ureteral Access Sheath

Used to establish a conduit inside the ureter, during endoscopic urological procedures. The Ureteral access Sheath provides ureteral dilation and a continuous working channel facilitating the passage of flexible ureteroscopes and other instruments into the urinary tract.



## Features and Properties

### DESIGN FEATURES:

- Reinforced anti kink patent pathway.
- Transparent superior 10 cm. To avoid missing any lesion.
- Platinum upper end for accurate positioning under fluoroscopy.
- Funneled luer end for easy hand grip and suitability to fix in position.
- Hydrophilic version where the sheath and dilator tip is coated with a hydrophilic material for ease of insertion.

### Code key: UAS-XX-YY

UAS: Ureteral Access Sheath.

XX: Outer Diameter in FR. ( 11 Fr or 14 Fr)

YY: Length in cm. (from 14 to 55)

### Note:

#### SHEATH INNER DIAMETER

9.5 FR for Sheath 11 FR and 12 FR for Sheath 14 FR..

### Ordering information:

Ureteral Access Sheath 11Fr.(Saflex)	Ureteral Access Sheath 11Fr.(Saflex)Hydro- philic	Ureteral Access Sheath 14Fr.(Saflex)	Ureteral Access Sheath 14Fr.(Saflex)Hydro- philic
UAS-11-24	UAS-11-24-H	UAS-14-24	UAS-14-24-H
UAS-11-26	UAS-11-26-H	UAS-14-26	UAS-14-26-H
UAS-11-28	UAS-11-28-H	UAS-14-28	UAS-14-28-H
UAS-11-30	UAS-11-30-H	UAS-14-30	UAS-14-30-H
UAS-11-32	UAS-11-32-H	UAS-14-32	UAS-14-32-H
UAS-11-34	UAS-11-34-H	UAS-14-34	UAS-14-34-H
UAS-11-35	UAS-11-35-H	UAS-14-35	UAS-14-35-H
UAS-11-36	UAS-11-36-H	UAS-14-36	UAS-14-36-H
UAS-11-38	UAS-11-38-H	UAS-14-38	UAS-14-38-H
UAS-11-40	UAS-11-40-H	UAS-14-40	UAS-14-40-H
UAS-11-42	UAS-11-42-H	UAS-14-42	UAS-14-42-H
UAS-11-44	UAS-11-44-H	UAS-14-44	UAS-14-44-H
UAS-11-45	UAS-11-45-H	UAS-14-45	UAS-14-45-H
UAS-11-46	UAS-11-46-H	UAS-14-46	UAS-14-46-H
UAS-11-48	UAS-11-48-H	UAS-14-48	UAS-14-48-H
UAS-11-50	UAS-11-50-H	UAS-14-50	UAS-14-50-H
UAS-11-52	UAS-11-52-H	UAS-14-52	UAS-14-52-H

## 5. Ureteric Sequential Dilators.

For dilatation of ureteric orifice and lower ureter before ureteroscopic manipulation.

### Features and Properties

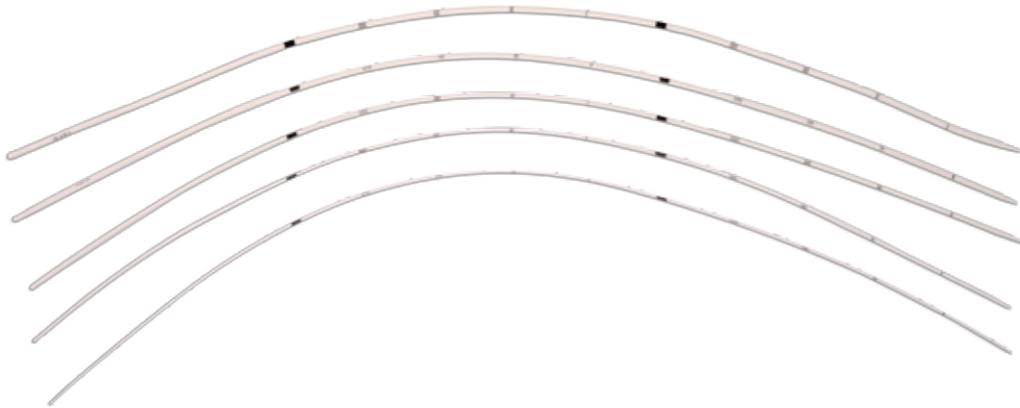
Amecath Ureteric Sequential Dilators are thin tubes designed with open tapered tip and to be used over a 0.038" guidewire. Available dilators sizes are from 6 to 18 Fr.

#### DESIGN FEATURES:

- Ureteric Sequential Dilators are made of radiopaque polypropylene.
- Easy flexibility with good pushability to dilate the ureter.

#### Code key: USD-K

USD: Ureteric Sequential Dilator.  
K: Complete Dilators Set (6,8,10,12,14 & 16) FR



### Ordering information:

#### Kit Contains:

Product Code: USD-K
URETERIC DILATOR 06 FR 70 CM
URETERIC DILATOR 08 FR 70 CM
URETERIC DILATOR 10 FR 70 CM
URETERIC DILATOR 12 FR 70 CM
URETERIC DILATOR 14 FR 70 CM
URETERIC DILATOR 16 FR 70 CM

#### Separate ureteric sequential dilator item codes:

USD-06	USD-12
USD-07	USD-14
USD-08	USD-16
USD-09	USD-18
USD-10	

## 6. Ureteral Balloon Dilator

To dilate Ureteric orifice before ureteroscopic manipulation either for stone endoreterival or for diagnostic ureteroscopy to facilitate the passage of the ureteroscope through the ureter.

### *Features and Properties*

#### DESIGN FEATURES:

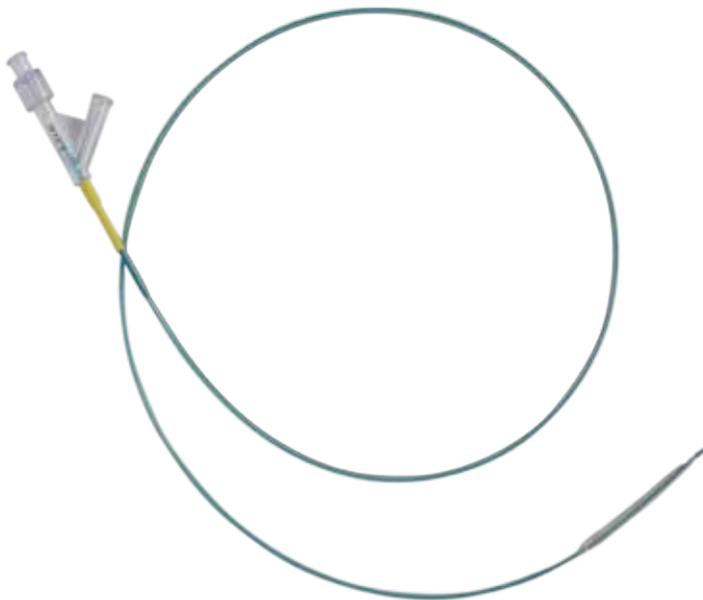
- Non-compliant balloon dilatation catheter designed for radial dilatation of the urinary tract.
- Amecath Ureteral balloon dilator is composed of a dual lumen shafts with inflation and guide wire lumens and a dilation balloon on the distal end. The dilator balloon has two radiopaque bands which define the balloon working length and facilitate radiographic visualization and placement.
- The device supplied with stopcock and 10ml Syringe.
- Small tube size is available to dilate ureteric stricture.

#### **Code key: UBD-XX-TT-M**

UBD: Ureteral balloon dilator. XX: Balloon size in MM.

TT: Balloon length in CM.

M: Inflation system (optional).



#### *Item Codes:*

##### **Product Code: UBD-XX-TT**

UBD-04-04

UBD-05-04

UBD-05-06

UBD-06-04

UBD-06-06

UBD-07-04

UBD-07-06

## 7.Percutaneous Nephrostomy Catheter

Used to drain any cystic collection inside the body either surgically, graphically or ultrasound guided in cases of dilated pelvicalyceal system.

### Features and Properties

Amecath Percutaneous Nephrostomy Catheters are single lumen for adult and pediatric use, 30 Cm in standard length and 4 - 24 FR in diameters.

#### CATHETER FEATURES:

- The catheter made of polyurethane provides comfort to the patient.
- Side holes are designed for maximum drainage.
- Hydrophilic coating needed as an option.
- All sizes starting from 06 FR come with straightner
- All sizes come in length 30 cm.

Other lengths are available if requested.

#### KIT FEATURES:

- The kit is supplied with the necessary and optional items that adapted to each other to facilitate usage and material secure positioning.
- The Kit comes with PTFE J end 100 cm guide wire with nitinol core provides easy flexibility and anti break advantages.

The lunderquist wire is also available as an option.

### Nephrostomy catheter Kit accessories matching

Catheter size on Fr.	Needles on G.	Dilators on Fr.	Guide wire on Inch.	Wing Size
4	Chiba 20G & 22G	4 & 5 FR	J end 0.028"	Wing 1
5	Pun 18G & Chiba 22G	5 & 6 FR	J end 0.035"	Wing 1
6	Pun 18G & Chiba 22G	6 & 8 FR	J end 0.035"	Wing 1
7	Pun 18G & Chiba 22G	6 & 8 FR	J end 0.035"	Wing 1
8	Pun 18G & Chiba 22G	6 , 8 & 10 FR	J end 0.035"	Wing 2
10	Pun 18G & Chiba 22G	8 , 10 & 12 FR	J end 0.035"	Wing 3
12	Pun 18G & Chiba 22G	8 ,10 ,12 & 14 FR	J end 0.035"	Wing 3
14	Pun 18G & Chiba 22G	8 , 12 ,14 & 16 FR	J end 0.035"	Wing 4
16	Pun 18G & Chiba 22G	8 , 14 , 16 & 18 FR	J end 0.035"	Wing 0
18	Pun 18G & Chiba 22G	8 ,16 , 18 & 20 FR	J end 0.035"	Wing 0
20	Pun 18G & Chiba 22G	8 , 18 , 20 & 22 FR	J end 0.035"	Wing 0
22	Pun 18G & Chiba 22G	8 ,20 , 22 & 24 FR	J end 0.035"	Wing 0
24	Pun 18G & Chiba 22G	8 ,22 , 24 & 26 FR	J end 0.035"	Wing 0

## Nephrostomy Catheter types:

### 7.1 Nephrostomy catheter J type and kit codes:

J Type (pigtail) catheter is designed to Use for percutaneous placement in the renal pelvis for nephrostomy drainage as well general purpose drainage.

Ref. code key: NEP-XX-YY-J-K

- NEP : Nephrostomy Catheter
- XX : Size in Fr.
- YY : Catheter Length
- J : For J type (Pigtail)
- K : For Complete kit.
- Add (H) at the end of code in case of hydrophilic coating



#### Kit Contains:

##### ACCESSORIES SUPPLIED WITH SINGLE NEPHROSTOMY CATHETER J TYPE :

- (1) Connection Tube (12Fr or16Fr).
- (1) Fixation Wings.

##### ACCESSORIES SUPPLIED WITH NEPHROSTOMY CATHETER J TYPE KIT :

- (1) Connection Tube (12Fr or16Fr).
- (1) Puncture Trocar, Cannula.
- (1) Chiba Needle.
- (1) Fascial Dilators.
- (1) Scalpel.
- (1) J- End Guide Wire.
- (1) Fixation Wings.
- (1) Stopcock. (Optional)
- (1) Urine Bag. (Optional)

NEPHROSTOMY CATHETER J TYPE	NEPHROSTOMY CATHETER J TYPE HY-DROPHILIC COATED	NEPHROSTOMY CATHETER J TYPE KIT	NEPHROSTOMY CATHETER J TYPE KIT HYDROPHILIC COATED
NEP-04-30-J	NEP-04-30-J-H	NEP-04-30-J-K	NEP-04-30-J-K-H
NEP-05-30-J	NEP-05-30-J-H	NEP-05-30-J-K	NEP-05-30-J-K-H
NEP-06-30-J	NEP-06-30-J-H	NEP-06-30-J-K	NEP-06-30-J-K-H
NEP-07-30-J	NEP-07-30-J-H	NEP-07-30-J-K	NEP-07-30-J-K-H
NEP-08-30-J	NEP-08-30-J-H	NEP-08-30-J-K	NEP-08-30-J-K-H
NEP-10-30-J	NEP-10-30-J-H	NEP-10-30J-K	NEP-10-30-J-K-H
NEP-12-30J	NEP-12-30-J-H	NEP-12-30-J-K	NEP-12-30-J-K-H
NEP-14-30-J	NEP-14-30-J-H	NEP-14-30-J-K	NEP-14-30-J-K-H
NEP-16-30-J	NEP-16-30-J-H	NEP-16-30-J-K	NEP-16-30-J-K-H
NEP-18-30-J	NEP-18-30-J-H	NEP-18-30-J-K	NEP-18-30-J-K-H
NEP-20-30-J	NEP-20-30-J-H	NEP-20-30-J-K	NEP-20-30-J-K-H
NEP-22-30-J	NEP-22-30-J-H	NEP-22-30-J-K	NEP-22-30-J-K-H
NEP-24-30-J	NEP-24-30-J-H	NEP-24-30-J-K	NEP-24-30-J-K-H

## 7.2 Nephrostomy catheter Malecot type and kit codes:

Malecot (tulip-shaped) catheter - The catheter tip retracts slightly so that the tulip portion is larger than the tube diameter; these catheters are mainly used when the renal pelvis is small (because the patient is small) or when a large stag horn calculus is present.

Malecot type catheter is designed to Use for percutaneous placement in the renal pelvis for nephrostomy drainage.

Ref. code key: NEP-XX-YY-M-K

NEP : Nephrostomy Catheter

XX : Size in Fr.

YY : Catheter Length

M : For Malecot type

K : For Complete kit.

Add (H) at the end of code in case of hydrophilic coating



### Kit Contains:

#### ACCESSORIES SUPPLIED WITH SINGLE NEPHROSTOMY CATHETER MALECOT :

(1) Connection Tube (12Fr or16Fr).

(1) Fixation Wings.

#### ACCESSORIES SUPPLIED WITH NEPHROSTOMY CATHETER MALECOT TYPE KIT :

(1) Connection Tube (12Fr or16Fr).

(1) Puncture Trocar, Cannula.

(1) Chiba Needle.

(1) Fascial Dilators.

(1) Scalpel.

(1) J- End Guide Wire.

(1) Fixation Wings.

(1) Stopcock. (Optional)

(1) Urine Bag. (Optional)

NEPHROSTOMY CATHETER MALECOT	NEPHROSTOMY CATHETER MALECOT HYDROPHILIC COATED	NEPHROSTOMY CATHETER MALECOT KIT	NEPHROSTOMY CATHETER MALECOT KIT HYDROPHILIC COATED
NEP-06-30-M	NEP-06-30-M-H	NEP-06-30-M-K	NEP-06-30-M-K-H
NEP-07-30-M	NEP-07-30-M-H	NEP-07-30-M-K	NEP-07-30-M-K-H
NEP-08-30-M	NEP-08-30-M-H	NEP-08-30-M-K	NEP-08-30-M-K-H
NEP-10-30-M	NEP-10-30-M-H	NEP-10-30-M-K	NEP-10-30-M-K-H
NEP-12-30-M	NEP-12-30-M-H	NEP-12-30-M-K	NEP-12-30-M-K-H
NEP-14-30-M	NEP-14-30-M-H	NEP-14-30-M-K	NEP-14-30-M-K-H
NEP-16-30-M	NEP-16-30-M-H	NEP-16-30-M-K	NEP-16-30-M-K-H
NEP-18-30-M	NEP-18-30M-H	NEP-18-30-M-K	NEP-18-30-M-K-H
NEP-20-30-M	NEP-20-30-M-H	NEP-20-30-M-K	NEP-20-30-M-K-H
NEP-22-30-M	NEP-22-30-M-H	NEP-22-30-M-K	NEP-22-30-M-K-H
NEP-24-30-M	NEP-24-30-M -H	NEP-24-30-M-K	NEP-24-30-M-K-H

### 7.3 One step Nephrostomy catheter J type and Malecot type :

It is designed to Use for application of percutaneous nephrostomy following the direct puncture technique especially when there is a dilated urinary collecting system. The Catheter is back loaded on a two part trocar needle to ensure accurate positioning after puncture, and then introduced through a skin incision directly into the pelvi-calyceal system.

Ref. code key: NEP-XX-YY-T-OS

- NEP : Nephrostomy Catheter One Step
- XX : Size in Fr.
- YY : Catheter Length
- T : Type Of Catheter Tip. (M)For Malecot, (J) For J type (pigtail).
- OS : One Step Catheter.
- Add (H) at the end of code in case of hydrophilic coating



#### Kit Contains:

##### ACCESSORIES SUPPLIED WITH ONE STEP NEPHROSTOMY CATHETER :

- (1) Connection Tube (12Fr or16Fr).
- (1) Fixation Wings.
- (1) Scalpel.
- (1) Stopcock. (Optional)
- (1) Urine Bag. (Optional)

ONE STEP NEPHROSTOMY CATHETER J TYPE	ONE STEP NEPHROSTOMY CATHETER J TYPE HYDROPHILIC COATED	ONE STEP NEPHROSTOMY CATHETER MALECOT	ONE STEP NEPHROSTOMY CATHETER MALECOT HYDROPHILIC COATED
NEP-06-30-J-OS	NEP-06-30-J-OS-H	NEP-06-30-M-OS	NEP-06-30-M-OS-H
NEP-08-30-J-OS	NEP-08-30-J-OS-H	NEP-08-30-M-OS	NEP-08-30-M-OS-H
NEP-10-30-J-OS	NEP-10-30-J-OS-H	NEP-10-30-M-OS	NEP-10-30-M-OS-H
NEP-12-30J-OS	NEP-12-30-J-OS-H	NEP-12-30-M-OS	NEP-12-30-M-OS-H
NEP-14-30-J-OS	NEP-14-30-J-OS-H	NEP-14-30-M-OS	NEP-14-30-M-OS-H
NEP-16-30-J-OS	NEP-16-30J-OS-H	NEP-16-30-M-OS	NEP-16-30-M-OS-H

#### 7.4 Nephrostomy catheter J type with String lock and kit:

It is designed to secure the pig-tail or Malecot, to avoid slipping of the catheter to outside. It is the same design for our Nephrostomy catheter range above but has different hub. The hub is designed to serve locking mechanism.



**CODE: ADD (L) AT THE END OF ANY CODE.**

**XX: Size in Fr**

**YY: Catheter Length**

#### Nephrostomy catheter J type with String lock and kit codes:

Single Nephrostomy catheter J type with String lock	Single Nephrostomy catheter J type with String lock Hydrophilic coated	Nephrostomy catheter J type with String lock kit	Nephrostomy catheter J type with String lock kit Hydrophilic coated
NEP-XX-YY-J-L	NEP-XX-YY-J-H-L	NEP-XX-YY-J-K-L	NEP-XX-YY-J-K-H-L

#### Nephrostomy catheter Malecot type with String lock and Kit codes:

Single Nephrostomy catheter malecot with String lock	Single Nephrostomy catheter malecot with String lock Hydrophilic coated	Nephrostomy catheter malecot with String lock Kit	Nephrostomy catheter malecot with String lock Kit Hydrophilic coated
NEP-XX-YY-M-L	NEP-XX-YY-M-H-L	NEP-XX-YY-M-K-L	NEP-XX-YY-M-K-H-L

#### One step Nephrostomy catheter J type and Malecot type with string lock codes:

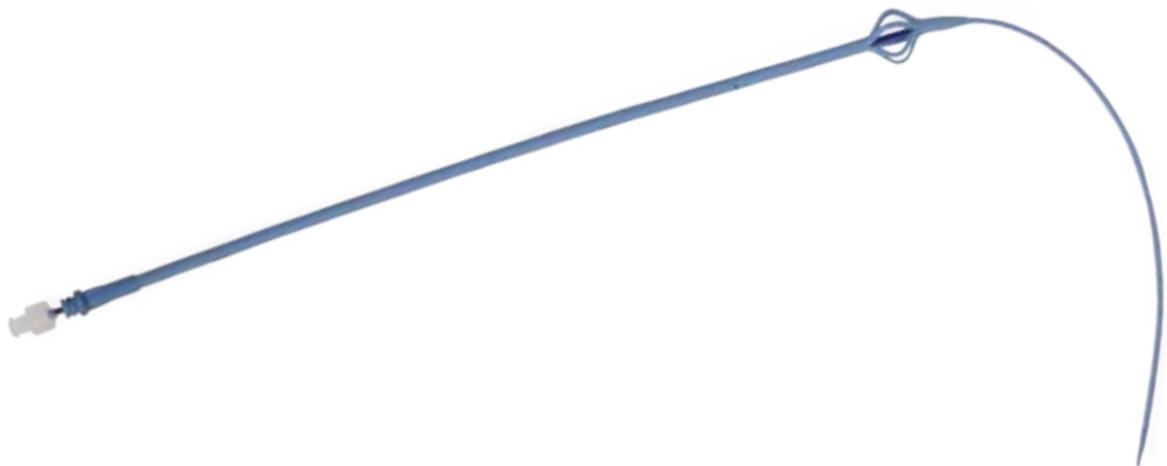
One step nephrostomy catheter J type with String lock	One step nephrostomy catheter J type with String lock Hydrophilic coated	One step nephrostomy catheter malecot with String lock	One step nephrostomy catheter malecot with String lock Hydrophilic coated
NEP-XX-YY-J-OS-L	NEP-XX-YY-J-OS-H-L	NEP-XX-YY-M-OS-L	NEP-XX-YY-M-OS-H-L

### 7.5 Re-entry nephrostomy catheter codes:

Special designed nephrostomy with ureteral stent extension in the pelvic ureteral junction..

Ref. code key: NEP-x/XX-YY-M

- NEP : Re Entry Nephrostomy Catheter
  - x/ XX : Re Entry Tube Size In Fr/Catheter Size In Fr.
  - YY : Catheter Length
  - M : For Malecot type
- Add **(H)** at the end of code in case of hydrophilic coating



#### Kit Contains:

#### ACCESSORIES SUPPLIED WITH RE-ENTRY NEPHROSTOMY CATHETER

- (1) Connection Tube (12Fr or16Fr).
- (1) Fixation Wings.
- (1) Stopcock. (Optional)
- (1) Urine Bag. (Optional)

RE ENTRY NEPHROSTOMY CATHETER MALECOT	RE ENTRY NEPHROSTOMY CATHETER MALECOT HYDROPHILIC COATING
NEP-4/10-30-M	NEP-4/10-30-M-H
NEP-5/12-30-M	NEP-5/12-30-M-H
NEP-6/14-30-M	NEP-6/14-30-M-H
NEP-7/16-30-M	NEP7/16-30-M-H
NEP-8/18-30-M	NEP-8/18-30-M-H
NEP-8/20-30-M	NEP-8/20-30-M-H
NEP-8/22-30-M	NEP-8/22-30-M-H
NEP-8/24-30-M	NEP-8/24-30-M-H

### 7.6 Nephrostomy catheters kit with Lunderquist guide wire:

In case of uses the lunderquist guide wire instead of the main guide wire, the codes below are submitted.

Nephrostomy catheter J type kit	Nephrostomy catheter J type kit Hydrophilic coated	Nephrostomy catheter malecot kit	Nephrostomy catheter malecot kit Hydrophilic coated
NEP-04-30-J-K-Q	NEP-04-30-J-K-H-Q		
NEP-05-30-J-K-Q	NEP-05-30-J-K-H-Q		
NEP-06-30-J-K-Q	NEP-06-30-J-K-H-Q	NEP-06-30-M-K-Q	NEP-06-30-M-K-H-Q
NEP-07-30-J-K-Q	NEP-07-30-J-K-H-Q	NEP-07-30-M-K-Q	NEP-07-30-M-K-H-Q
NEP-08-30-J-K-Q	NEP-08-30-J-K-H-Q	NEP-08-30-M-K-Q	NEP-08-30-M-K-H-Q
NEP-10-30-J-K-Q	NEP-10-30-J-K-H-Q	NEP-10-30-M-K-Q	NEP-10-30-M-K-H-Q
NEP-12-30-J-K-Q	NEP-12-30-J-K-H-Q	NEP-12-30-M-K-Q	NEP-12-30-M-K-H-Q
NEP-14-30-J-K-Q	NEP-14-30-J-K-H-Q	NEP-14-30-M-K-Q	NEP-14-30-M-K-H-Q
NEP-16-30-J-K-Q	NEP-16-30-J-K-H-Q	NEP-16-30-M-K-Q	NEP-16-30-M-K-H-Q
NEP-18-30-J-K-Q	NEP-18-30-J-K-H-Q	NEP-18-30-M-K-Q	NEP-18-30-M-K-H-Q
NEP-20-30-J-K-Q	NEP-20-30-J-K-H-Q	NEP-20-30-M-K-Q	NEP-20-30-M-K-H-Q
NEP-22-30-J-K-Q	NEP-22-30-J-K-H-Q	NEP-22-30-M-K-Q	NEP-22-30-M-K-H-Q
NEP-24-30-J-K-Q	NEP-24-30-J-K-H-Q	NEP-24-30-M-K-Q	NEP-24-30-M-K-H-Q

Nephrostomy catheter J type kit	Nephrostomy catheter J type kit Hydrophilic coated	Nephrostomy catheter malecot kit	Nephrostomy catheter malecot kit Hydrophilic coated
NEP-04-30-J-K-L-Q	NEP-04-30-J-K-H-L-Q		
NEP-05-30-J-K-L-Q	NEP-05-30-J-K-H-L-Q		
NEP-06-30-J-K-L-Q	NEP-06-30-J-K-H-L-Q	NEP-06-30-M-K-L-Q	NEP-06-30-M-K-H-L-Q
NEP-07-30-J-K-L-Q	NEP-07-30-J-K-H-L-Q	NEP-07-30-M-K-L-Q	NEP-07-30-M-K-H-L-Q
NEP-08-30-J-K-L-Q	NEP-08-30-J-K-H-L-Q	NEP-08-30-M-K-L-Q	NEP-08-30-M-K-H-L-Q
NEP-10-30-J-K-L-Q	NEP-10-30-J-K-H-L-Q	NEP-10-30-M-K-L-Q	NEP-10-30-M-K-H-L-Q
NEP-12-30-J-K-L-Q	NEP-12-30-J-K-H-L-Q	NEP-12-30-M-K-L-Q	NEP-12-30-M-K-H-L-Q
NEP-14-30-J-K-L-Q	NEP-14-30-J-K-H-L-Q	NEP-14-30-M-K-L-Q	NEP-14-30-M-K-H-L-Q
NEP-16-30-J-K-L-Q	NEP-16-30-J-K-H-L-Q	NEP-16-30-M-K-L-Q	NEP-16-30-M-K-H-L-Q
NEP-18-30-J-K-L-Q	NEP-18-30-J-K-H-L-Q	NEP-18-30-M-K-L-Q	NEP-18-30-M-K-H-L-Q
NEP-20-30-J-K-L-Q	NEP-20-30-J-K-H-L-Q	NEP-20-30-M-K-L-Q	NEP-20-30-M-K-H-L-Q
NEP-22-30-J-K-L-Q	NEP-22-30-J-K-H-L-Q	NEP-22-30-M-K-L-Q	NEP-22-30-M-K-H-L-Q
NEP-24-30-J-K-L-Q	NEP-24-30-J-K-H-L-Q	NEP-24-30-M-K-L-Q	NEP-24-30-M-K-H-L-Q

## 8. Nephrostomy Fascial Dilator

Made of Radiopaque polyurethane and is used for fascial dilator intended for one-time use.

### *Nephrostomy Fascial dilators set*



#### Code key: DIL-SET

DIL: Fascial Dilator.  
SET: Complete Set.  
Add (H) at the end of code  
in case of hydrophilic coating

#### Uncoated

DIL-0620  
DIL-0820  
DIL-1020  
DIL-1220  
DIL-1420  
DIL-1620

#### Hydrophilic

DIL-0620 H  
DIL-0820 H  
DIL-1020 H  
DIL-1220 H  
DIL-1420 H  
DIL-1620 H

### *Nephrostomy Fascial dilators*



#### Code key: DIL-XXYY

DIL: Fascial Dilator.  
XX: Size in Fr.  
YY: Length in cm.  
Add (H) at the end of code  
in case of hydrophilic coating

#### Uncoated

DIL-0420  
DIL-0520  
DIL-0620  
DIL-0820  
DIL-1020  
DIL-1220  
DIL-1420  
DIL-1620  
DIL-1820  
DIL-2020  
DIL-2220  
DIL-2420  
DIL-2620

#### Hydrophilic

DIL-0420-H  
DIL-0520-H  
DIL-0620 H  
DIL-0820 H  
DIL-1020 H  
DIL-1220 H  
DIL-1420 H  
DIL-1620 H  
DIL-1820 H  
DIL-2020 H  
DIL-2220 H  
DIL-2420 H  
DIL-2620 H

## 9. Nephrocutaneous Dilators and Sheaths

For dilation of the nephroscope passage before endoscopic renal procedure.

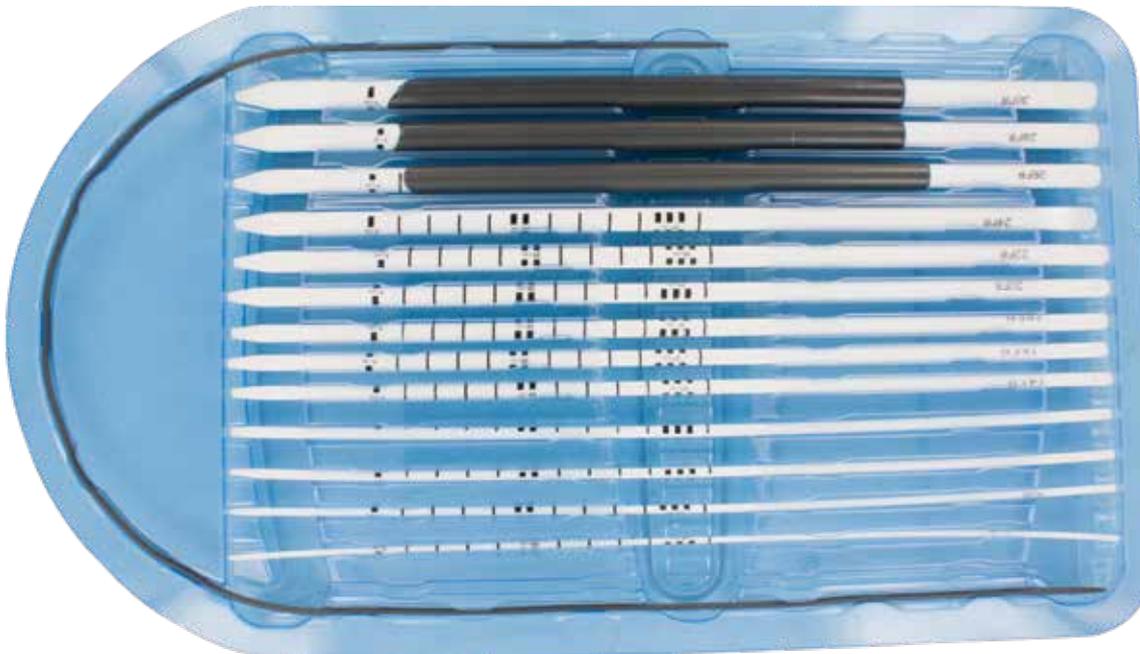
### Features and Properties

#### DESIGN FEATURES:

- Firm, kink - resistance material.
- Taper short tip designed for a traumatic placement and full tract dilation.
- The dilators and sheath are Radiopaque.
- The length of sheaths is 18 cm, can use in obese patient. The length can be reduced by scalpel cutting from the back.
- The kits contains 3 different size sheaths fit dilator ( 26, 28 and 30 Fr) . Small sizes sheaths (22 or 24 Fr) can be added upon request.

Code key:		
Complete Set	Separate Dilators	Separate Sheath
NCD-Set	NCD-DIL-XX XX: outer diameter	NCD-SHE-XX XX: inner diameter

### Nephrocutaneous Dilators and Sheaths Set :



*Separate Renal Sheath :*



*Separate Nephro-cutaneous Dilator :*



*Ordering information:*

<b>Nephrocutaneous Dilators and Sheaths set NCD-SET</b>	
Nephrocutaneous Dilators and Sheaths	
DILATORS	SHEATH
NCD-DIL-06	NCD-SHE-22
NCD-DIL-08	NCD-SHE-24
NCD-DIL-10	NCD-SHE-26
NCD-DIL-12	NCD-SHE-28
NCD-DIL-14	NCD-SHE-30
NCD-DIL-16	
NCD-DIL-18	
NCD-DIL-20	
NCD-DIL-22	
NCD-DIL-24	
NCD-DIL-26	
NCD-DIL-28	
NCD-DIL-30	

## 10. Nephrostomy Balloon Dilator

Used to dilate the muscles, the fascial and renal capsule to establish a tract between the skin and the kidney during a percutaneous renal procedure.

### Features and Properties

#### DESIGN FEATURES:

- Designed to maintain 30 FR diameter under high pressure.
- designed to provide effective, uniform dilation along the nephrostomy tract.
- Includes firm amplatz renal sheath.
- rated for inflation pressure up to 17 ATM.
- Radiopaque marker to confirm balloon position

#### Code key: NBD-3012-M

NBD: Nephrostomy Balloon Dilator.  
30: Balloon diameter.  
12: Balloon length.  
M: Inflation system (optional).



#### Kit contains:

- (1) high pressure nephrostomy balloon dilator.
- (1) PTFE Renal Sheath.
- (1) High pressure 3 way stopcock.
- (1) Inflation device. (optional)

#### Ordering information:

#### High pressure Nephrostomy balloon dilator

BALLOON DIAMETER	BALLOON LENGTH	SHAFT LENGTH	CATHETER DIAMETER	BURST PRESSURE	GUIDE WIRE
10 MM = 30 FR	120 MM	55 CM	2.3 MM = 7 FR	17 ATM	0.038 INCH

## 11. Supra-pubic cystostomy set

For drainage of the bladder in case of impassable urethral obstruction

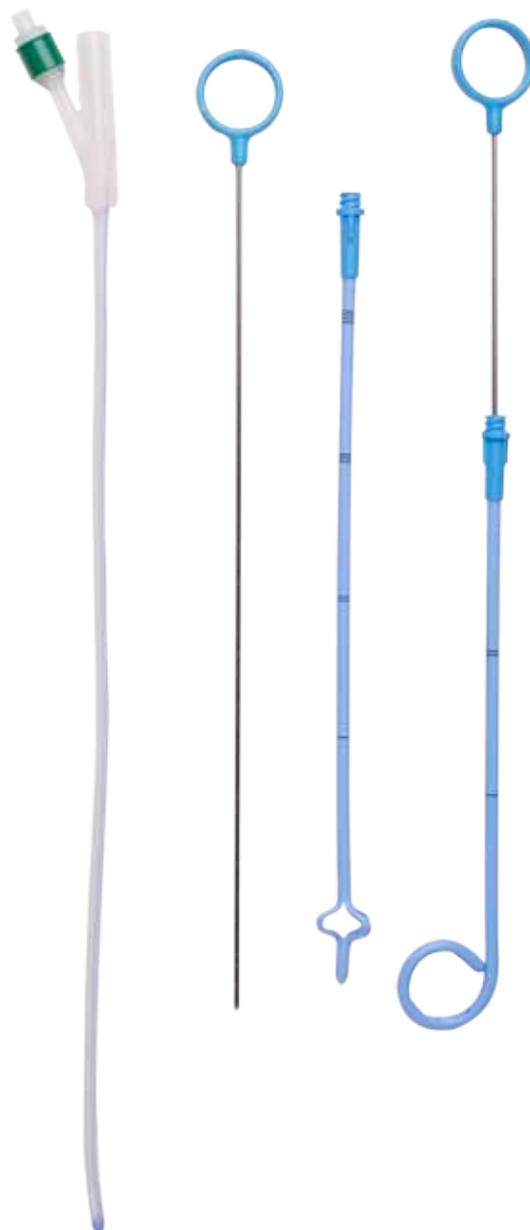
### *Features and Properties*

#### CATHETER FEATURES:

- The kit comes with metallic or plastic splittable cannula.
- The kit contains either: single lumen catheter with J or malecot tip, with a metallic straightner inside or 2 way balloon catheter.

#### KIT FEATURES:

- The kit contains all accessories that facilitate easy insertion and post operative closed system drainage.



### 11.1. Supra-pubic cystostomy set “metallic cannula”

Splitable cystostomy metallic cannula is supplied with Polyurethane catheters or two way Foley catheters for adult and pediatric use.

Splitable cystostomy metallic cannula: it is splitable puncture trocar cannula for suprapubic bladder puncture. The optimized design provides minimal splitting forces and easy handling.

The trocar cannula made of stainless steel (AISI 304) and Silicon coated for low penetration forces.



Fr. size	Length	Hub color
8	80mm	Blue
10	120mm	Grey
12		White
14		Green

#### Code key: SUP-XX-T-K

SUP: Supra-pubic cystostomy “metallic cannula”

XX: Size in Fr.

T: Type of the Catheter:

( J ) For Polyurethane Catheter single J type (Pigtail)

( M ) For Polyurethane catheter Malecot Type

( S ) For Total silicon two way Foley catheter

( L ) For Latex silicon coated two way Foley catheter

K: Completer package.

#### Kit Contains:

##### J OR MALECOT CATHETER KIT

###### INCLUDES:

- (1) Catheter with straightner.
- (1) Splitable cystostomy Metallic cannula.
- (1) Connection Tube.
- (1) Scalpel#11
- (1) fixation wings.
- (1) Stopcock.
- (1) Urine bag. (optional)

##### TWO WAY FOLEY CATHETER KIT

###### INCLUDES:

- (1) Two way foley catheter.
- (1) Splitable cystostomy Metallic cannula.
- (1) Scalpel#11
- (1) Urine bag. (optional)

#### Ordering information:

SUPRAPUBIC KIT WITH J CATHETER	SUPRAPUBIC KIT WITH MALECOT CATHETER	SUPRAPUBIC KIT WITH SILICON 2 WAY CATHETER	SUPRAPUBIC KIT WITH LATEX 2 WAY CATHETER
SUP-08-J-K	SUP-08-M-K	SUP-08-S-K	SUP-08-L-K
SUP-10-J-K	SUP-10-M-K	SUP-10-S-K	SUP-10-L-K
SUP-12J-K	SUP-12M-K	SUP-12-S-K	SUP-12-L-K
SUP-14-J-K	SUP-14-M-K	SUP-14-S-K	SUP-14-L-K

## 11.2. Supra-pubic cystostomy set “Cystocath cannula”

Supra-pubic cystostomy set “Cystocath cannula” is Splittable cystostomy plastic cannula sheath over dilator and stainless steel trocar supplied with Polyurethane catheters or two ways Foley catheters.

Fr. Size	Cannula Hub Color Code
8	Light blue
10	Black
12	White
14	Green
16	Orange
18	Red
20	Yellow
22	Purple
24	Navy Blue



### Code key: CYST-XX-T-K

CYST: Supra-pubic cystostomy “Cystocath cannula”

XX: Size in Fr.

T: Type of the Catheter:

- ( J ) For Polyurethane Catheter single J type (Pigtail)
- ( M ) For Polyurethane catheter Malecot Type
- ( S ) For Total silicon two way Foley catheter
- ( L ) For Latex silicon coated two way Foley catheter

K: Completer package.

### Kit Contains:

#### J OR MALECOT CATHETER KIT

##### INCLUDES:

- (1) Catheter with straightner.
- (1) Splittable cystostomy plastic cannula.
- (1) Connection Tube.
- (1) Scalpel#11
- (1) fixation wings.
- (1) Stopcock.
- (1) Urine bag. (optional)

#### TWO WAY FOLEY CATHETER KIT

##### INCLUDES:

- (1) Two way foley catheter.
- (1) Splittable cystostomy plastic cannula.
- (1) Scalpel#11
- (1) Urine bag. (optional)

CYSTOCATH CANNULA KIT WITH J CATHETER	CYSTOCATH CANNULA KIT WITH MALECOT CATHETER	CYSTOCATH CANNULA KIT WITH SILICON 2 WAY	CYSTOCATH CANNULA KIT WITH LATEX 2 WAY CATHETER
CYST-08-J-K	CYST-08-M-K	CYST-08-S-K	CYST-08-L-K
CYST-10-J-K	CYST-10-M-K	CYST-10-S-K	CYST-10-L-K
CYST-12-J-K	CYST-12-M-K	CYST-12-S-K	CYST-12-L-K
CYST-14-J-K	CYST-14-M-K	CYST-14-S-K	CYST-14-L-K
CYST-16-J-K	CYST-16-M-K	CYST-16-S-K	CYST-16-LK
CYST-18J-K	CYST-18-M-K	CYST-18-S-K	CYST-18-L-K
CYST-20-J-K	CYST-20-M-K	CYST-20-S-K	CYST-20-L-K
CYST-22-J-K	CYST-22-M-K	CYST-22-S-K	CYST-22-L-K
CYST-24-J-K	CYST-24-M-K	CYST-24-S-K	CYST-24-L-K

## 12. Urethral Balloon Catheter

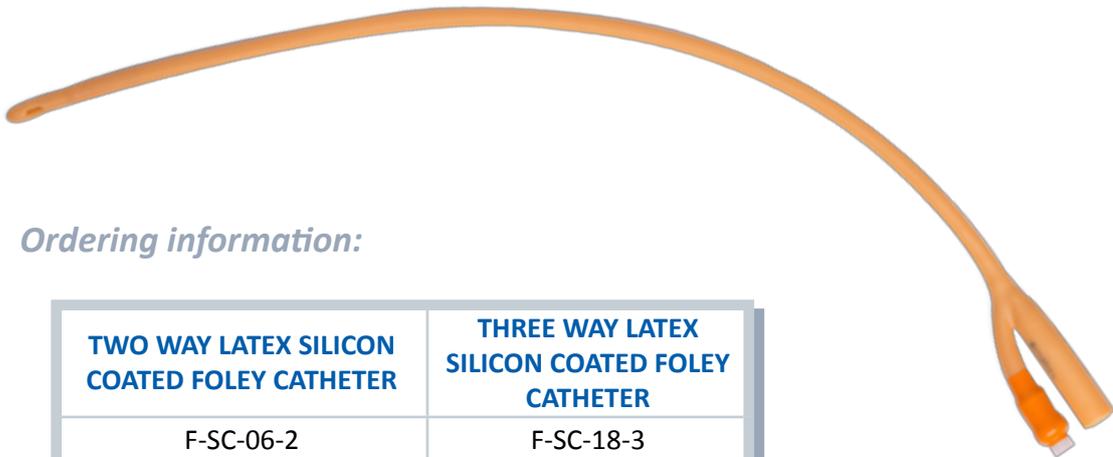
For drainage of urine from the bladder.

**Code key: F-MM-XX-L**

F: Foley Catheter.  
MM: Material  
(TS) for total Silicon.  
(SC) for latex Silicon coated.  
XX: Size in FR.  
L: Number of lumens.

### 12.1 Latex Silicone Coated Urethral Balloon Catheter:

Catheter is made of Natural Latex Rubber, the surface is silicone coated. The distal tip contains two small eyes holes to allow the entry of urine into the catheter. It has inflated highly elastic Balloon.



### Ordering information:

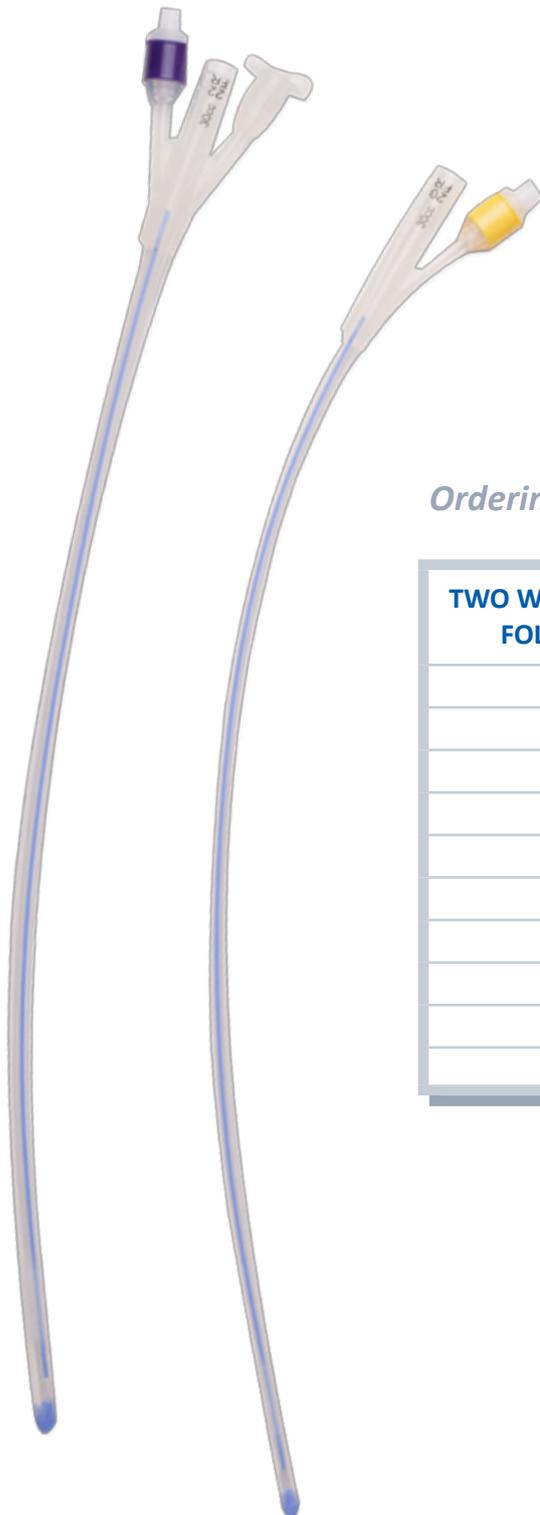
TWO WAY LATEX SILICON COATED FOLEY CATHETER	THREE WAY LATEX SILICON COATED FOLEY CATHETER
F-SC-06-2	F-SC-18-3
F-SC-08-2	F-SC-20-3
F-SC-10-2	F-SC-22-3
F-SC-12-2	F-SC-24-3
F-SC-14-2	
F-SC-16-2	
F-SC-18-2	
F-SC-20-2	
F-SC-22-2	
F-SC-24-2	

### 12.2 Total Silicone Urethral Balloon Catheter:

Total silicone urethral balloon catheter made from 100% medical grade silicone for superior biocompatibility. The catheter consists of a round shaft for ease of insertion. The distal tip contains two side holes. It has soft and uniformly inflated balloon.

**Features:**

- Radio-Opaque line within the catheter allows for accurate placement using X-ray.
- Transparent medical grade silicone tube which allows easy visual inspection.
- Size 6FR, 8FR and 10FR Catheters have a disposable stylet for easy insertion.



*Ordering information:*

TWO WAY TOTAL SILICON FOLEY CATHETER	THREE WAY TOTAL SILICON FOLEY CATHETER
F-TS-06-2	F-TS-18-3
F-TS-08-2	F-TS-20-3
F-TS-10-2	F-TS-22-3
F-TS-12-2	F-TS-24-3
F-TS-14-2	
F-TS-16-2	
F-TS-18-2	
F-TS-20-2	
F-TS-22-2	
F-TS-24-2	

## 13. Urodynamic Catheters

Urodynamic catheter is used to estimate changes that occur inside the bladder and/or the urethra during filling or voiding. Amecath urodynamic catheter is either two lumens for cystometric pressure change monitoring or 3 lumen to monitor urethral pressure. Rectal Urodynamic catheter is used to estimate abdominal pressure changes during filling or voiding. Amecath Rectal urodynamic catheter has one or two lumen.

### *Features and Properties*

#### CATHETER FEATURES:

- Amecath Urodynamic catheter is made of radiopaque polyurethane which provides high compatibility.
- Amecath Urodynamic catheter is firm enough for easy urethral application and is thermo labile “soften in body temperature” to increase the patient comfort for minimum fallacious results.
- The catheter is single, dual or triple lumen. When applied, it is connected with the urodynamic machine sensors to elicit pressure change either in the bladder or in the urethra during filling or voiding.

#### *Cystometry & Profilometry Urodynamic Catheter*

#### *Rectal Urodynamic Catheter*

<b>Code key: UD-L-XX-J</b>	<b>Code key: UD-RL-XX-N</b>
UD: Urodynamic Catheter. L: Number of lumens. XX: Catheter size in FR. J: If peg tail cystometry is requested.	UD-R: Rectal Urodynamic Catheter. L: Number of lumens. XX: Catheter size in FR. N: Non latex balloon material.

### 13.1 Double lumen Cystometry Urodynamic catheter:

Double Lumen Cystometry Catheters offer simultaneous bladder filling and pressure measurement from one catheter. The catheter is designed with two lumens. The lumen with white female luer, printed with (Fill) and opens at 10mm from the tip, is used to bladder filling while the lumen with red female luer, printed with (Pves) and opens at 20mm from the tip, is used to measure bladder pressure.

The catheter active length is 40 cm and is marked each one cm, starting from (Pves) hole at 20mm from the distal end tip.

The pigtail version is employed to enhance catheter retention and stabilization within the bladder.

Double lumen Cystometry Catheter	Double lumen Pigtail Cystometry Catheter
UD-2-06	UD-2-06-J
UD-2-07	UD-2-07-J
UD-2-08	UD-2-08-J
UD-2-09	UD-2-09-J
UD-2-10	UD-2-10-J
UD-2-12	UD-2-12-J

### 13.2 Triple lumen Profilometry Urodynamic Catheter:

Triple Lumen profilometry Catheters offer simultaneous bladder filling, bladder pressure and urethral pressure measurement through one catheter. The catheter is designed with three lumens.

The lumen with white female luer, printed with (Fill) and opens at 80 mm from the tip, is used to bladder filling while the lumen with green female luer, printed with (Pura) and opens in parallel with the filling hole, is used to measure urethral pressure whereas the lumen with red female luer, printed with (Pves) and opens at 20mm from the tip, is used to measure bladder pressure.

The catheter active length is 40 cm and is marked each one cm, starting from (Pves) hole at 20mm from the distal end tip.

Triple lumen Profilometry catheter
UD-3-06
UD-3-08
UD-3-09
UD-3-10
UD-3-12

### 13.3 Rectal Urodynamic Catheters:

Rectal urodynamic catheters are used to measure the abdominal pressure.

There are two types, single lumen catheter and double lumen catheter.

#### 13.3.1 RECTAL SINGLE LUMEN URODYNAMIC CATHETER

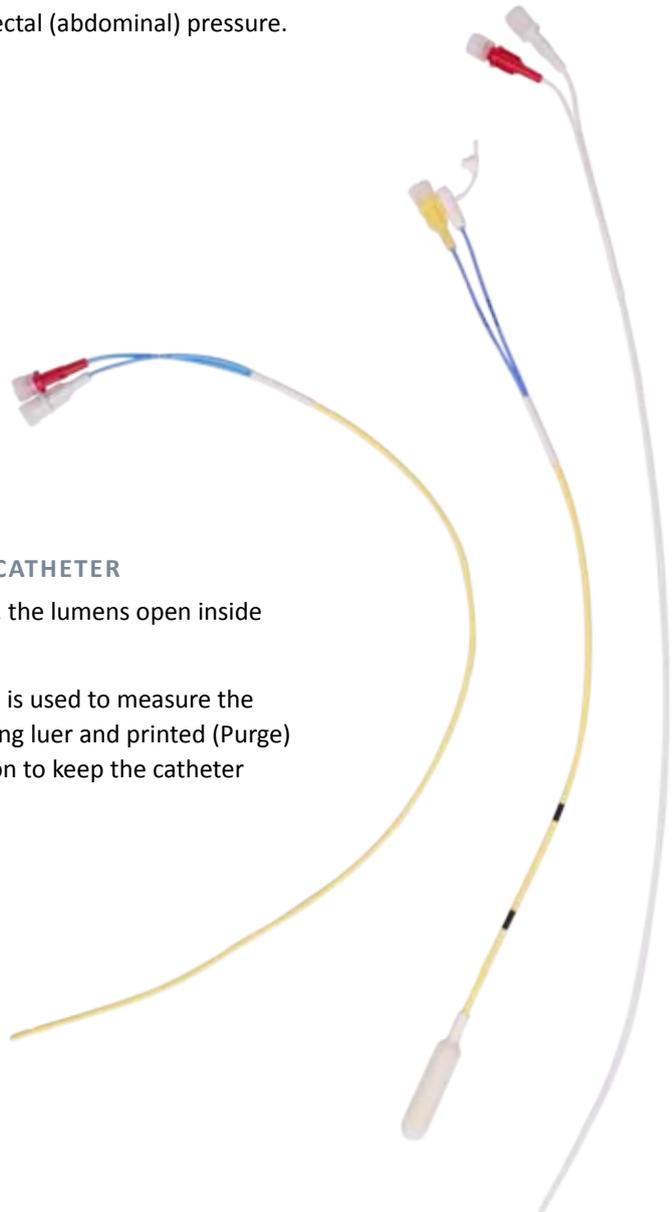
The non-latex balloon is set around a single lumen tube, the lumen opens inside the balloon.

The catheter proximal end is fitted with a female luer suitable with the catheter outer diameter.

The catheter is designed for a measurement of intra-rectal (abdominal) pressure.

The catheter active length is 30 cm.

Rectal single lumen urodynamic catheter
UD-R1-04-N
UD-R1-05-N
UD-R1-04.5-N
UD-R1-06-N



#### 13.3.2 RECTAL DOUBLE LUMEN URODYNAMIC CATHETER

The non-latex balloon is set around a dual lumen tube, the lumens open inside the balloon.

The lumen with yellow female luer and printed (Pabd) is used to measure the abdominal pressure, the other lumen with white feeding luer and printed (Purge) is used to inject small amount of fluid inside the balloon to keep the catheter holes patent.

The catheter active length is 35 cm.

Rectal double lumen urodynamic catheter
UD-R2-08-N
UD-R2-09-N
UD-R2-10-N
UD-R2-11-N
UD-R2-12-N

## 14. Biopsy Needle

Used to take a biopsy from prostate only.

### 14.1 Automatic Biopsy Needle

Amecath automatic biopsy gun needle is a tru-cut type biopsy needle can be used with common reusable biopsy guns.

#### Features and Properties

##### DESIGN FEATURES:

- Large sample notch ( 15 or 20 mm).
- Color code.
- Echogenic tip



#### Ordering information:

##### Code key: AUTOCUT-XX-YY

AUTOCUT: Automatic biopsy needle.  
XX: Sizes in gauge.  
YY: Lengths in cm

##### BIOPSY NEEDLE FOR AUTOMATIC GUN

AUTOCUT-14-10
AUTOCUT-14-15
AUTOCUT-14-20
AUTOCUT-14-25
AUTOCUT-16-10
AUTOCUT-16-15
AUTOCUT-16-20
AUTOCUT-16-25
AUTOCUT-18-10
AUTOCUT-18-15
AUTOCUT-18-20
AUTOCUT-18-25
AUTOCUT-18-30

## 14.2 Semi-Automatic Biopsy Needle

Amecath semi automatic biopsy gun needle is a spring loaded tru-cut type biopsy device that used for histological biopsy from prostate and a variety of soft tissues and organs.

### Features and Properties

#### DESIGN FEATURES:

- Inner echogenic marker.
- Depth marks.
- Large sample notch ( 20 mm)
- color code.



### Ordering information:

#### Code key: SEMICUT-XX-YY

SEMICUT: Semi -utomatic biopsy needle.  
XX: Sizes in gauge.  
YY: Lengths in cm

#### BIOPSY NEEDLE FOR SEMIAUTOMATIC

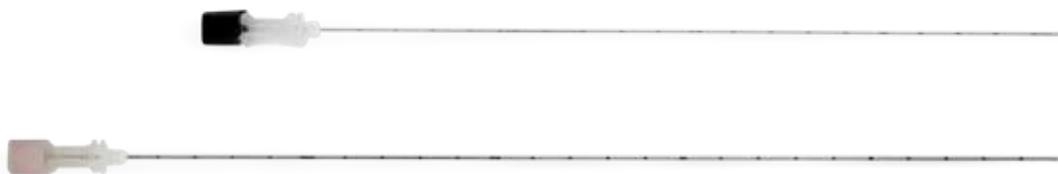
SEMICUT-14-10
SEMICUT-14-15
SEMICUT-14-20
SEMICUT-14-25
SEMICUT-16-10
SEMICUT-16-15
SEMICUT-16-20
SEMICUT-16-25
SEMICUT-18-10
SEMICUT-18-15
SEMICUT-18-20
SEMICUT-18-25
AUTOCUT-18-30

## 15. Puncture and Chiba Needle

### Features and Properties

#### DESIGN FEATURES:

- User friendly design.
- Accurate depth placement with centimeter marks
- echogenic tip.
- Clear and color coded needle hub design



#### Puncture needle

Used to penetrate the pelvicalyceal system as a first step of dilation before PCNL

#### Chiba needle

Used to inject dye in the pelvicalyceal system in cases of difficult puncture

#### Code key: PUN-XX-YY

PUN: Puncture needle.  
XX: Sizes in gauge.  
YY: Lengths in cm

#### Code key: CHN-XX-YY

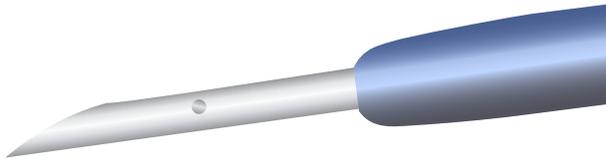
CHN: Chiba needle.  
XX: Sizes in gauge.  
YY: Lengths in cm

### Ordering information:

INITIAL PUNCTURE NEEDLE	CHIBA NEEDLE
PUN-14-20	CHN-18-16
PUN-14-25	CHN-18-20
PUN-14-30	CHN-18-25
PUN-16-20	CHN-20-20
PUN-16-25	CHN-22-20
PUN-16-30	
PUN-16-35	
PUN-18-20	
PUN-18-25	
PUN-18-30	

## 16. Bladder and Prostatic Injection Needle

Injection needle is used to inject fluid substances either inside the urinary bladder or the prostate.



### Features and Properties

#### DESIGN FEATURES:

- The presence of side holes to avoid extravasation outside the bladder wall.
- The injection needle comes with syringe activates non return valve.

#### Code key: IN-XX-H

IN: Injection needle.  
XX: Sizes in gauge.  
H: (H) for side holes, (N) for no holes.

#### Kit Contains:

- (1) injection needle.
- (1) Syringe activates non stop return valve.



### Ordering information:

BLADDER INJECTION NEEDLE	PROSTATIC INJECTION NEEDLE
IN-04-H	IN-04-N
IN-05-H	IN-05-N
IN-06-H	IN-06-N
IN-07-H	IN-07-N

## 17. Guide Wires

The guide wires are intended to facilitate the placement of endourological instruments during diagnostic or interventional procedures.

### *Features and Properties*

guide wires are designed to ensure rapid access, easy advancement, smooth tracking, and maximum maneuverability. They help maintain precise control at every step of the procedure. Amecath guide wires are available in a variety of core materials, coatings, tips, and sizes—ensuring the right combination of torque, lubricity, and visibility for best results.

Amecath guide wire range includes:

STAINLESS STEEL CORE, P.T.F.E COATED

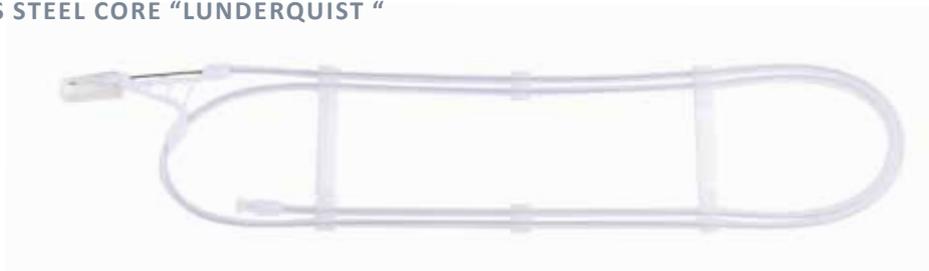
STAINLESS STEEL CORE, HYDROPHILIC COATED

NITINOL CORE, HYDROPHILIC COATED AND FLEXIBLE GUIDE

NITINOL CORE, P.T.F.E COATED

NITINOL CORE, ZEBRA PTFE “JACKET”

STAINLESS STEEL CORE “LUNDERQUIST “



CODE	LENGTH IN CM	SIZE IN INCH	Description
SGW-15018-S-C	150	0.018"	Stainless steel Core P.T.F.E Coated
SGW-15021-S-C	150	0.021"	
SGW-15028-S-C	150	0.028"	
SGW-15032-S-C	150	0.032"	
SGW-15035-S-C	150	0.035"	
SGW-15038-S-C	150	0.038"	
JGW-15035-S-C	150	0.035"	Stainless steel Core P.T.F.E Coated
JGW-15038-S-C	150	0.038"	
SGW-15035-S-H	150	0.035"	Stainless steel Core Hydrophilic coated
SGW-15038-S-H	150	0.038"	
JGW-10028-N-C	100	0.028"	Nitinol Core P.T.F.E Coated
JGW-10035-N-C	100	0.035"	
SGW-15035-N-H	150	0.035"	Nitinol Core Hydrophilic coated
SGW-15038-N-H	150	0.038"	
SGW-15035-N-H-FG	150	0.035"	Nitinol Core, Hydrophilic coated, Flexible Guide
SGW-15035-N-Z	150	0.035"	Nitinol Core, Zebra PTFE “jacket”
JGW-08035-LQ	80	0.035"	Stainless steel Core “lunderquist”

## 18. Endoscopic Infusion Set

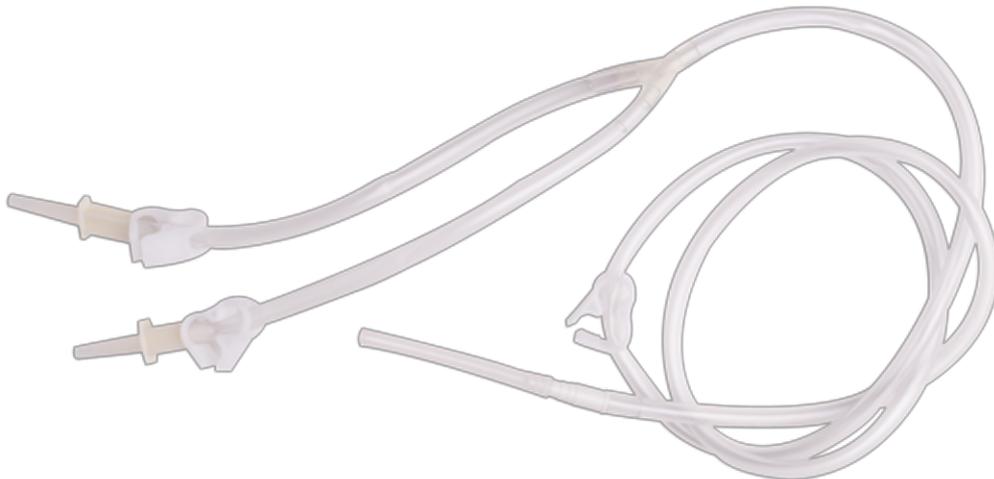
For fluids irrigation during endoscopic procedures.

### *Features and Properties*

#### DESIGN FEATURES:

- Manufactured from non-toxic, non-irritant medical grade PVC.
- Thumb operated clamps, helps quick and smooth change of bottles.
- Proximal end fitted with flexible silicon tubing for easy connection to endoscope.

*Code key: T.U.R-set*



## 19. Nelaton Catheters

For drainage of urine from the bladder through urethral.

### Features and Properties

#### CATHETER FEATURES:

- Amecath nelaton catheters are made of medical grade PVC non- toxic, non-irritant.
- Proximal end is fitted with funnel shaped connector for safe connection to urine bag.
- Rounded, closed tip with two lateral eyes for efficient drainage.
- color coded plain connector easy identification of size.
- Nelaton catheter length is 20 cm, 40 cm .

#### Code key: NEL-XXYY-T

NEL: Nelaton Catheter.

XX: Size in FR.

YY: Catheter Length in Cm.

T: For the catheters Tiemann Tip



### Ordering information:

NELATON CATHETER		Nelaton Catheter, Tiemann Tip	
NEL-0640	NEL-0620	NEL-0640-T	NEL-0620-T
NEL-0840	NEL-0820	NEL-0840-T	NEL-0820-T
NEL-1040	NEL-1020	NEL-1040-T	NEL-1020-T
NEL-1240	NEL-1220	NEL-1240-T	NEL-1220-T
NEL-1440	NEL-1420	NEL-1440-T	NEL-1420-T
NEL-1640	NEL-1620	NEL-1640-T	NEL-1620-T
NEL-1840	NEL-1820	NEL-1840-T	NEL-1820-T
NEL-2040	NEL-2020	NEL-2040-T	NEL-2020-T
NEL-2240	NEL-2220	NEL-2240-T	NEL-2220-T
NEL-2440	NEL-2420	NEL-2440-T	NEL-2420-T
NEL-2640	NEL-2620	NEL-2640-T	NEL-2620-T
NEL-2840	NEL-2820	NEL-2840-T	NEL-2820-T

## 20. Accessories



### *Adult Metal dilator (MD-A)*

Used for dilation of the penile urethral meatus for adults.



### *Pediatric Metal dilator (MD-P)*

Used for dilation of the penile urethral meatus for pediatric.



### *Eroscopy Channel plug*



### *Urethral Catheter Plug*

Used to securely close the urine catheter



### *Catheter plug with Valve*

Used to control the emptying of the urinary bladder.



### *Three way stopcock*

Used to facilitate multiple lines through single IV access



***Dr. Ibrahim Shalaby***  
MANAGING DIRECTOR

***Dr. Ahmed El Miligi***  
SALES & MARKETING DIRECTOR

***Dr. Ayman Ali***  
QUALITY DIRECTOR

***Eng. Sherif Wagdy***  
PLANT MANAGER

***Dr. Ihab Helmy***  
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***Mr. Khaled Raef***  
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***Dr. Ahmed Mostafa***  
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- Established at 2001 for design, development and production of sterile dialysis catheter kits and accessories, Central venous kits and accessories, Urological catheters kits, stents, needles and accessories.

- 250 people are currently working at Ameco among them 5 doctors, 8 engineers, high caliber administrative, logistic and production .

- All manufacturing processes are under one roof. Extrusion, molding, over molding, tipping, punching, assembly, coating packaging and sterilization.

- Many Success stories for contact manufacturing and private labeling with major international companies.

- In 2002, Amecath received ISO13485 certificate in scope of design, development and production of catheter and kits, entailing that Amecath is applying full product quality assurance and Quality management system from design, production to service provision.

- In 2002, Amecath received EC mark (EC certificate) for all products, entailing that Amecath products can be freely placed in the market of 25 European countries and other countries with recognition of the European directives

- In 2005, Amecath received EC-Design examina-

tion for class III products (Central Venous Haemodialysis catheters for long term use), entailing that the device has passed the examination for safety and performance.

- In 2011, Amecath received Health Canada approval for central venous catheters, short term haemodialysis catheter and sheath introducer and urology double loop stents.

- In 2011, Amecath received Russian registration for central venous catheter and haemodialysis catheter, other products are under the registration process

- In 2012, Amecath received FDA approval for central venous catheter and short term hemodialysis catheter other products are currently under fda review.

- In 2013, Amecath received FDA approval for Dual lumen implantable long term haemodialysis catheters, sheath introducers and other products are currently under FDA review.

- In 2013, Amecath received EC-Design examination for class III products (Central Venous and peripherally inserted central catheters), entailing that the device has passed the examination for safety and performance

- In 2013, Amecath received health Canada Approval for long term implantable hemodialysis catheters



#### *Manufactured By:*

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